

Figure 1

1/2

[A] VH

				CDR1	40
HuAIP12	EVQLVQSGAE	VKKPGATVKI	SCKVSGY TFT	DYSMHWVRQ A	
HuAIP13	EVQLVQSGAE	VKKPGATVKI	SCKVSGY TFT	DYSMHWVRQ A	
T55I	EVQLVQSGAE	VKKPGATVKI	SCKVSGY TFT	DYSMHWVRQ A	
G104A	EVQLVQSGAE	VKKPGATVKI	SCKVSGY TFT	DYSMHWVRQ A	
				CDR2	80
HuAIP12	PGKGLKWMGW	INTETGEPTY	ADDFKGRFTF	TLDTSTSTAY	
HuAIP13	PGKGLKWMGW	INTETGEPT <u>I</u> Y	ADDFKGRFTF	TLDTSTSTAY	
T55I	PGKGLKWMGW	INTETGEPT <u>I</u> Y	ADDFKGRFTF	TLDTSTSTAY	
G104A	PGKGLKWMGW	INTETGEPTY	ADDFKGRFTF	TLDTSTSTAY	
				CDR3	119
HuAIP12	MELSSLRSED	TAVYYCARNY	DYDGYFDVWG	QGTTVTVSS	
HuAIP13	MELSSLRSED	TAVYYCARNY	DYDA <u>Y</u> FDVWG	QGTTVTVSS	
T55I	MELSSLRSED	TAVYYCARNY	DYDGYFDVWG	QGTTVTVSS	
G104A	MELSSLRSED	TAVYYCARNY	DYDA <u>Y</u> FDVWG	QGTTVTVSS	

[B] VL

				CDR1	40
HuAIP12	DIQMTQSPSS	LSASVGDRVT	ITCKASQDIN	KYIAWYQQKP	
HuAIP13	DIQMTQSPSS	LSASVGDRVT	ITCKAD <u>Q</u> DIN	KYIAWYQQKP	
				CDR2	80
HuAIP12	GKAPKLLIHY	TSTLQPGIPS	RFSGSGSGRD	YTFTISSLQP	
HuAIP13	GKAPK <u>LLI</u> <u>HH</u>	TSTLQPGIPS	RFSGSGSGRD	YTFTISSLQP	
				CDR3	107
HuAIP12	EDIATYYCLQ	YDNLLFTFGQ	GTKLEIK		
HuAIP13	EDIATYYCLQ	YD <u>S</u> LLFTFGQ	GTKLEIK		

Alignment of the VH (A) and VL (B) amino acid sequences of HuAIP12, its derivatives (in A), and HuAIP13. The amino acid sequences of the mature VH and VL regions are shown in single letter code. Amino acids that differ from the counterparts in the HuAIP12 VH or VL are bold and double-underlined.

Figure 2

2/2

Chemotaxis of Ba/F3-CXCR3